



## S/N Unknown

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:

Kiran Ganesh et al.

Examiner: Unknown

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Title:

VLSI DESIGN

2-DIMENSIONAL PLACEMENT WITH RELIABILITY CONSTRAINTS FOR

## INFORMATION DISCLOSURE STATEMENT

**Assistant Commissioner for Patents** Washington, D.C. 20231

In compliance with the duty imposed by 37 C.F.R. § 1.56, and in accordance with 37 C.F.R. §§ 1.97 et. seq., the enclosed materials are brought to the attention of the Examiner for consideration in connection with the above-identified patent application. Applicant respectfully requests that this Information Disclosure Statement be entered and the documents listed on the attached Form 1449 be considered by the Examiner and made of record. Pursuant to the provisions of MPEP 609, Applicant further request that a copy of the 1449 form, initialed by the Examiner to indicate that all listed citations have been considered, be returned with the next official communication.

Please charge any additional fees or credit any overpayment to Account No. 19-0743.

The Examiner is invited to contact the Applicant's Representative at the below-listed telephone number if there are any questions regarding this communication.

Respectfully submitted,

KIRAN GANESH ET AL.

By their Representatives,

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CERTIFICATE UNDER 37 CFR 1.10
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I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231.

Signature

Name